

## NYPOL A2 G30 NTLA012 NR210

**Product Description**

30% Glass Fiber, Polyamide 66

**General Considerations**

Resin ID (ISO 1043)	· PA66 GF30
Filler / Reinforcement	· Glass Fiber, 30% Filler by Weight
Processing	· Injection Molding
Color	· Natural

- The information below is for informational purposes only and should not be adopted as specification limits.

Physical	Value	Unit	Method
Ash Content	30 ± 2	%	ASTM D 2584
Density / Specific Gravity	1,37 to 1,41	g/cm <sup>3</sup>	ASTM D 792
Mold Shrinkage		%	ASTM D 955
Normal	0,3 to 0,8		
Water Absorption	0,7	%	ASTM D 570

Mechanical	Dry	50%RH	Unit	Method
Tensile Strength	103	97	MPa	ASTM D 638
Strain at Break	5,4	5,2	%	ASTM D 638
Flexural Resistance	146	269	MPa	ASTM D 790
Flexural Modulus	4408	5407	MPa	ASTM D 790
Izod Impact Strength			J/m	ASTM D 256
23°C	509	515		
Izod Notched Impact Strength			J/m	ASTM D 256
23°C	59	65		

Thermal	Value	Unit	Method
Melting Point	250 to 265	°C	--
Heat Deflection Temperature		°C	ASTM D 648
1,82 MPa	250		
Vicat Softening Temperature 50N	245	°C	ASTM D 1525

Process	Value	Unit	Method
Molding Process Temperature	260 to 280	°C	--
Mold Temperature	70 to 100	°C	--
Drying	90/3	°C/Hours	--
Maximum Moisture Content for Process	0,02	%	--

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